

**Abengoa Bioenergia Agroindustria Ltda
São Luiz Facility (ABSL), Pirassununga (Sao Paulo), Brazil**

**CHANGES TO DEFAULT INPUT VARIABLES IN
CA-GREET LIFECYCLE ANALYSIS MODEL (v1.8b, December 2009)
http://www.arb.ca.gov/fuels/lcfs/ca_greet1.8b_dec09.xls**

Pursuant to title 17, section 95486 (b)(1) of the California Code of Regulations, the applicant has conducted its analysis of direct effects on carbon intensity for the ABSL pathway using the CA-GREET v1.8b (December 2009) life cycle analysis model, as well as ARB Staff approved engineering estimates of factors not available in this version of the CA-GREET model. The standard inputs and parameters specified in CA-GREETv1.8b remain unchanged, except as noted in the input table below. The input table below also specifies the spreadsheet location of inputs to the CA-GREETv1.8b model that were claimed as confidential business information (CBI) or trade secret by the applicant, but it does not disclose the actual value of such inputs and parameters because they are claimed to be confidential business information or trade secret.

WORKSHEET	DEFAULT VALUE	CELL	NEW VALUE	UNIT
T&D_Flowcharts	12	F 1377	■	Miles
T&D_Flowcharts	50	M 1409	■	Miles
T&D_Flowcharts	7,416	M 1420	8,758	miles
T&D_Flowcharts	100	R 1427	90	miles
Inputs	-0.96	D 307	■	kWh/gal EtOH
Fuel_Prod_TS	41,592	CQ 257	95,000	Btu / tonne cane
Fuel_Prod_TS	21.4	CQ 271	■	gal / tonne cane
Fuel_Prod_TS	251	CM 271	324	Btu / gal
EtOH	0%	H 6	100%	%
T&D	17	AE 7	34	Tons